

## **SECTION 417 COLD MILLING PAVEMENT**

### **417.01. DESCRIPTION.**

This work shall consist of cold milling and removing existing pavement surfaces below the present grade to a depth shown on the plans, and removing ridges, ruts, and other imperfections as determined by the Engineer. The milling operation shall produce a plane surface that will provide a smooth riding surface for traffic.

### **417.03. EQUIPMENT.**

Provide a power-operated milling machine capable of planing a minimum depth of 1 1/2 inch (40 mm) in a single pass. The equipment shall be self-propelled with sufficient power, traction, and stability to maintain accurate depth of cut and slope. The equipment shall be capable of accurately and automatically establishing profile grades along each edge of the machine by referencing the existing pavement by means of a ski or matching shoe, or from an independent grade control; in addition, it shall have an automatic system for controlling cross slope at a given rate. The machine shall be equipped with an integral loading means to remove the material being cut from the pavement surface and to discharge the cuttings into a truck—all in a single operation.

### **417.04. CONSTRUCTION METHODS.**

Mill the existing pavement uniformly to provide a uniform texture, true to line, grade, and cross section; it shall have no deviations in excess of 3/16 inch (5 mm) in 10 feet ( m). Any portion of the planed surface not meeting this requirement shall be corrected in a manner approved by the Engineer.

Make as many passes as necessary to remove irregularities and to profile the surface to the depth and cross slope shown on the Plans.

Perform cold milling in a manner that will not create undue traffic hazards.

At the end of each day's operation, make sure that the milled lanes areas are as even as possible; this is to eliminate the hazard of an exposed vertical edge when traffic is carried through construction.

*NOTE: The contractor shall take possession of all materials removed and dispose of them in accordance with Section 104.09 unless otherwise specified on the Plans.*

### **417.05. METHOD OF MEASUREMENT.**

*Cold milling pavement* will be measured by the square meter of surface area.

### **417.06. BASIS OF PAYMENT.**

Accepted quantities of cold milling pavement, measured as provided above, will be paid for at the contract unit price as follows:

COLD MILLING PAVEMENT.....SQUARE YARD (SQUARE METER)

Such payment shall be full compensation for furnishing all materials, equipment, labor and incidentals to complete the work as specified.